



Leah  
4-2-03

Docket No.: 826.1593

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Ryuichi Sunayama

Serial No. 09/528,714

Group Art Unit: 2183

Confirmation No. 5805

Filed: March 20, 2000

Examiner: Aimee J. Li

For: INSTRUCTION PROCESSING DEVICE AND METHOD FOR CONTROLLING BRANCH  
INSTRUCTION ACCOMPANIED BY MODE CHANGE

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AMENDMENT

MAR 31 2003

Assistant Commissioner for Patents  
Washington, D.C. 20231

Technology Center 2100

Sir:

This is in response to the Office Action mailed November 18, 2003, and having a period for response set to expire on February 18, 2003. A Petition for a one-month extension of time, with the requisite fee, is submitted herewith, making the period for response end on March 18, 2003.

The following amendments and remarks are respectfully submitted. Reconsideration of the claims is respectfully requested.

**IN THE SPECIFICATION:**

Please REPLACE the paragraph beginning at page 4, line 11, with the following paragraph:

According to the conventional instruction processing device, since an address mode indicating the bit size of an address space is determined by software, the address mode is sometimes changed while an instruction is executed. However, when the branch prediction of a branch instruction accompanied by an address mode change is made, only the instruction address of a branch destination can be predicted since a mechanism for predicting the address mode of a branch destination is not provided. Therefore, the pre-fetch of a branch destination instruction string cannot be performed based on the changed address mode, and thereby a correct instruction process cannot be executed.

03/27/2003 HBBDELRI 00000067 09528714  
01 FC:1201 84.00 DP  
03/27/2003 HBBDELRI 00000067 09528714  
02 FC:1251 110.00 DP



2183\$

S&H Form: (01/03)

<b>REPLY/AMENDMENT FEE TRANSMITTAL</b>	Attorney Docket No.	826.1593
	Application Number	09/528,714
	Filing Date	March 20, 2000
	First Named Inventor	Ryuichi Sunayama
	Group Art Unit	2183
AMOUNT ENCLOSED	194.00	Examiner Name Aimee J. Li

**FEE CALCULATION (fees effective 01/01/03)**

CLAIMS AS AMENDED	Claims Remaining After Amendment	Highest Number Previously Paid For	Number Extra	Rate	Calculations
TOTAL CLAIMS	17	- 20 =	0	X \$ 18.00 =	\$ 0.00
INDEPENDENT CLAIMS	10	- 9 =	1	X \$ 84.00 =	84.00

Since an Official Action set an original due date of February 18, 2003, petition is hereby made for an extension to cover the date this reply is filed for which the requisite fee is enclosed (1 month (\$110); 2 months (\$410); 3 months (\$930); 4 months (\$1,450); 5 months (\$1,970)):

\$110.00

If Notice of Appeal is enclosed, add (\$320)

If Statutory Disclaimer under Rule 20(d) is enclosed, add fee (\$110)

Total of above Calculations =

\$ 194.00

Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28)

TOTAL FEES DUE =

\$ 194.00

(1) If entry (1) is less than entry (2), entry (3) is "0".

(2) If entry (2) is less than 20, change entry (2) to "20".

(4) If entry (4) is less than entry (5), entry (6) is "0".

(5) If entry (5) is less than 3, change entry (5) to "3".

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**METHOD OF PAYMENT**

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- ☒ Check enclosed as payment.
- ☐ Charge "TOTAL FEES DUE" to the Deposit Account No. below.
- ☐ No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).

**GENERAL AUTHORIZATION**

- ☒ If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

Deposit Account No.

19-3935

Deposit Account Name

STAAS & HALSEY LLP

- ☒ The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: STAAS & HALSEY LLP

Typed Name	Richard A. Gollhofer	Reg. No.	31,106
Signature	<i>Richard A. Gollhofer</i>	Date	3/18/03

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**CERTIFICATE UNDER 37 CFR 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

on March 18, 2003  
By: Richard A. Gollhofer  
Date: 3/18/03



DOCKET NO. 826.1593

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For: INSTRUCTION PROCESSING DEVICE AND METHOD FOR CONTROLLING BRANCH  
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LETTER TO THE EXAMINER

REQUESTING APPROVAL OF CHANGES TO THE DRAWINGS

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Assistant Commissioner for Patents  
Washington, D.C. 20231

MAR 31 2003

Technology Center 2100

Sir:

Kindly approve the changes to Fig. 1 of the drawings as noted in red on the attached copy, and in accordance with the Amendment filed concurrently.

Respectfully submitted,

STAAS & HALSEY LLP

Date: 3/18/03

By: Richard A. Gollhofer  
Richard A. Gollhofer  
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